

CLAIMS

What is claimed is:

- 1 1. An organic light emitting device, comprising:
- 2 an electrode;
- 3 a current self-limiting structure; and
- 4 an organic stack located between said electrode and said current
- 5 self-limiting structure.

- 1 2. The device as defined in claim 1, wherein said current self-limiting structure
- 2 resides in contact with said electrode.

- 1 3. The device as defined in claim 1, wherein said current self-limiting structure is
- 2 applied as a patterned lattice structure over said electrode.

- 1 4. The device as defined in claim 1, wherein said current self-limiting structure is
- 2 applied as a grid defining windows in which said electrode is applied.

- 1 5. The device as defined in claim 1, wherein said current self-limiting structure
- 2 comprises an anisotropically conductive material.

- 1 6. The device as defined in claim 1, further including a photoresist material in
- 2 contact with said current self-limiting structure and said electrode.

1 7. The device as defined in claim 1, wherein said current self-limiting structure
2 resides between said electrode and a conducting layer.

1 8. The device as defined in claim 7, wherein said conducting layer is embedded
2 within said current self-limiting structure.

1 9. The device as defined in claim 7, wherein said conducting layer resides over
2 said current self-limiting structure.

1 10. A method for increasing the reliability of an organic light emitting device,
2 comprising the steps of:
3 forming an organic light emitting device; and
4 incorporating a current self-limiting structure within said organic light emitting
5 device.

1 11. The method as defined in claim 10, wherein said current self-limiting structure
2 is formed in contact with an electrode of said organic light emitting device.

1 12. The method as defined in claim 10, wherein said current self-limiting structure
2 is formed as a patterned lattice in contact with an electrode of said organic light emitting
3 device.

1 13. The method as defined in claim 10, wherein said current self-limiting structure
2 is applied as a grid defining windows in which an electrode of said organic light emitting
3 device is applied.

1 14. The method as defined in claim 10, wherein said current self-limiting structure
2 comprises an anisotropically conductive material.

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